

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (currently amended): One or more processor-readable media having stored thereon processor-readable code including a database of face print image data corresponding to detected face regions within images acquired with an image acquisition device and digitally-stored, wherein the face print image data are stored within the media for access by a processor comprises:

(a) an image data component including acquired digital image data including content data and unique identifiers corresponding to acquired digital images or face regions therein, or both;

(b) an identity data component including an identification listing of known identities to which identified face regions detected within the acquired digital image data have been determined to correspond; and

(c) a face recognition data component, comprising for an individual known identity:

(i) an appearance table including one or more identity entries for the known identity;

(ii) one or more identity tables corresponding to the one or more identity entries in the appearance table; and

(iii) one or more face class tables corresponding to one or more face class entries of the one or more identity tables, wherein each face class table comprises one or more face print image entries corresponding to faceprints determined from normalized face regions identified within the acquired digital image, and

(d) wherein the normalized face regions comprise spatially normalized face regions, which are normalized with respect to size, orientation or pose, or both ~~luminance normalized face regions, or combinations thereof.~~

Claim 2 (previously presented): The one or more processor-readable media of claim 1, wherein the image data component further comprises an image list of the acquired digital image data.

Claim 3 (previously presented): The one or more processor-readable media of claim 2, wherein at least one group of image data comprises a face region list including one or more entries each corresponding to an identified face candidate region within at least one of the acquired digital images.

Claim 4 (previously presented): The one or more processor-readable media of claim 3, wherein the face region list further includes one or more links, corresponding to the one or more entries, to one or more known identities within the identification listing of the identity data component.

Claim 5 (currently amended): ~~The one or more processor-readable media of claim 2~~
One or more processor-readable media having stored thereon processor-readable code including a database of face print image data corresponding to detected face regions within images acquired with an image acquisition device and digitally-stored, wherein the face print image data are stored within the media for access by a processor comprises:

(a) an image data component including acquired digital image data including content data and unique identifiers corresponding to acquired digital images or face regions therein, or both;

(b) an identity data component including an identification listing of known identities to which identified face regions detected within the acquired digital image data have been determined to correspond; and

(c) a face recognition data component, comprising for an individual known identity;

(i) an appearance table including one or more identity entries for the known identity;

(ii) one or more identity tables corresponding to the one or more identity entries in the appearance table; and

(iii) one or more face class tables corresponding to one or more face class entries of the one or more identity tables, wherein each face class table comprises one or more face print image entries corresponding to faceprints determined from normalized face regions identified within the acquired digital image, and

(d) wherein the normalized face regions comprise spatially normalized face regions, which are normalized with respect to size, orientation or pose, or luminance normalized face regions, or combinations thereof, and

(e) wherein the image data component further comprises multiple tables of image classification events, occasions, locations, or places, or other categories, or combinations thereof, each to which groups of multiple images of the image data are determined to belong.

Claim 6 (previously presented): The one or more processor-readable media of claim 5, wherein the image data component further comprises a set of database links to the tables of image classification categories.

Claim 7 (previously presented): The one or more processor-readable media of claim 1, wherein the known identities correspond to handles identifying a known person.

Claim 8 (previously presented): The one or more processor-readable media of claim 1, wherein the identity data component further comprises database links to face recognition data of the face recognition component.

Claim 9 (previously presented): The one or more processor-readable media of claim 1, wherein the identity data component further comprises one or more database links to personal data associated with one or more known identities.

Claim 10 (previously presented): The one or more processor-readable media of claim 9, wherein the identity data component comprises a table of personal data associated with the one or more known identities.

Claim 11 (currently amended): ~~The one or more processor-readable media of claim 10~~
One or more processor-readable media having stored thereon processor-readable code including a database of face print image data corresponding to detected face regions within images acquired with an image acquisition device and digitally-stored, wherein the face print image data are stored within the media for access by a processor comprises:

(a) an image data component including acquired digital image data including content data and unique identifiers corresponding to acquired digital images or face regions therein, or both;

(b) an identity data component including an identification listing of known identities to which identified face regions detected within the acquired digital image data have been determined to correspond; and

(c) a face recognition data component, comprising for an individual known identity:

(i) an appearance table including one or more identity entries for the known identity;

(ii) one or more identity tables corresponding to the one or more identity entries in the appearance table; and

(iii) one or more face class tables corresponding to one or more face class entries of the one or more identity tables, wherein each face class table comprises one or more face print image entries corresponding to faceprints determined from normalized face regions identified within the acquired digital image, and

(d) wherein the normalized face regions comprise spatially normalized face regions, which are normalized with respect to size, orientation or pose, or luminance normalized face regions, or combinations thereof, and

(e) wherein the identity data component further comprises a set of links to a relationship list or a group membership list or both.

Claim 12 (previously presented): The one or more processor-readable media of claim 1, wherein each identity table comprises one or more face class entries each defined by values of one or more face classifier parameters.

Claim 13 (previously presented): The one or more processor-readable media of claim 12, wherein at least two identity entries are characterized separately due to at least one distinguishing appearance characteristic.

Claim 14 (previously presented): The one or more processor-readable media of claim 13, wherein the appearance characteristic is distinguished as determined from a sufficient difference in value of at least one face classifier parameter between faceprints and associated normalized face regions determined to correspond to the same known identity, or based on user input, or both

Claim 15 (currently amended): ~~The one or more processor-readable media of claim 4~~
One or more processor-readable media having stored thereon processor-readable code including a database of face print image data corresponding to detected face regions within images acquired with an image acquisition device and digitally-stored, wherein the face print image data are stored within the media for access by a processor comprises:

(a) an image data component including acquired digital image data including content data and unique identifiers corresponding to acquired digital images or face regions therein, or both;

(b) an identity data component including an identification listing of known identities to which identified face regions detected within the acquired digital image data have been determined to correspond; and

(c) a face recognition data component, comprising for an individual known identity:

(i) an appearance table including one or more identity entries for the known identity;

(ii) one or more identity tables corresponding to the one or more identity entries in the appearance table; and

(iii) one or more face class tables corresponding to one or more face class entries of the one or more identity tables, wherein each face class table comprises one or more face print image entries corresponding to faceprints determined from normalized face regions identified within the acquired digital image, and

(d) wherein the normalized face regions comprise spatially normalized face regions, which are normalized with respect to size, orientation or pose, or luminance normalized face regions, or combinations thereof, and

(e) wherein the appearance table comprises a list of links to ~~two one~~ or more identity tables associated with two or more distinct appearances determined for the known identity.

Claim 16 (currently amended): The one or more processor-readable media of claim 15, wherein the ~~two one~~ or more identity tables each further comprise one or more links corresponding to the one or more face class tables.

Claim 17 (currently amended): One or more processor-readable media having stored thereon processor-readable code including a database of face print image data corresponding to detected face regions within images acquired with an image acquisition device and digitally-stored, wherein the face print image data are stored within the media for access by a processor comprises:

(a) an image data component including acquired digital image, or a pointer to the location of said image, and additional data associated with said image including content data and unique identifiers corresponding to the acquired digital images or face regions

therein, or both, and wherein the image data component further comprises an image list of the acquired digital image data;

(b) an identity data component including an identification listing of known identities to which identified face regions detected within the acquired digital image data have been determined to correspond; and

(c) a face recognition data component, comprising for an individual known identity:

(i) one or more identity tables corresponding to one or more identity entries; and

(ii) one or more face class tables corresponding to one or more face class entries of the one or more identity tables, wherein each face class table comprises one or more faceprint entries corresponding to normalized face regions determined from the acquired digital image, and

(d) wherein the normalized face regions comprise spatially normalized face regions, which are normalized with respect to size, orientation or pose, or both ~~luminance-normalized face regions, or combinations thereof.~~

Claim 18 (currently amended): ~~The one or more processor-readable media of claim 17~~
One or more processor-readable media having stored thereon processor-readable code including a database of face print image data corresponding to detected face regions within images acquired with an image acquisition device and digitally-stored, wherein the face print image data are stored within the media for access by a processor comprises:

(a) an image data component including acquired digital image, or a pointer to the location of said image, and additional data associated with said image including content data and unique identifiers corresponding to the acquired digital images or face regions therein, or both, and wherein the image data component further comprises an image list of the acquired digital image data;

(b) an identity data component including an identification listing of known identities to which identified face regions detected within the acquired digital image data have been determined to correspond; and

(c) a face recognition data component, comprising for an individual known identity:

(i) one or more identity tables corresponding to one or more identity entries; and

(ii) one or more face class tables corresponding to one or more face class entries of the one or more identity tables, wherein each face class table comprises one or more faceprint entries corresponding to normalized face regions determined from the acquired digital image, and

(d) wherein the normalized face regions comprise spatially normalized face regions, which are normalized with respect to size, orientation or pose, or luminance normalized face regions, or combinations thereof, and

(e) wherein the one or more groups of image data further include image metadata including acquisition device specific information or anthropometrical information associated with conditions of acquisition or normalization, or both, of a face region corresponding to a group of image data and its associated parent image.

Claim 19 (currently amended): The one or more processor-readable media of claim 18. One or more processor-readable media having stored thereon processor-readable code including a database of face print image data corresponding to detected face regions within images acquired with an image acquisition device and digitally-stored, wherein the face print image data are stored within the media for access by a processor comprises:

(a) an image data component including acquired digital image, or a pointer to the location of said image, and additional data associated with said image including content data and unique identifiers corresponding to the acquired digital images or face regions therein, or both, and wherein the image data component further comprises an image list of the acquired digital image data;

(b) an identity data component including an identification listing of known identities to which identified face regions detected within the acquired digital image data have been determined to correspond; and

(c) a face recognition data component, comprising for an individual known identity:

(i) one or more identity tables corresponding to one or more identity entries; and

(ii) one or more face class tables corresponding to one or more face class entries of the one or more identity tables, wherein each face class table comprises one or more faceprint entries corresponding to normalized face regions determined from the acquired digital image, and

(d) wherein the normalized face regions comprise spatially normalized face regions, which are normalized with respect to size, orientation or pose, luminance normalized face regions, or combinations thereof, and

(e) wherein the one or more groups of image data further include image metadata including wherein the image metadata information comprises a focal length of a lens coupled with a digital camera at time of image acquisition, focusing distance of the lens at time of acquisition, or effective digital camera sensor size, or both combinations thereof.

Claim 20 (currently amended): The one or more processor-readable media of claim 17
One or more processor-readable media having stored thereon processor-readable code including a database of face print image data corresponding to detected face regions within images acquired with an image acquisition device and digitally-stored, wherein the face print image data are stored within the media for access by a processor comprises:

(a) an image data component including acquired digital image, or a pointer to the location of said image, and additional data associated with said image including content data and unique identifiers corresponding to the acquired digital images or face regions

therein, or both, and wherein the image data component further comprises an image list of the acquired digital image data;

(b) an identity data component including an identification listing of known identities to which identified face regions detected within the acquired digital image data have been determined to correspond; and

(c) a face recognition data component, comprising for an individual known identity;

(i) one or more identity tables corresponding to one or more identity entries; and

(ii) one or more face class tables corresponding to one or more face class entries of the one or more identity tables, wherein each face class table comprises one or more faceprint entries corresponding to normalized face regions determined from the acquired digital image, and

(d) wherein the normalized face regions comprise spatially normalized face regions, which are normalized with respect to size, orientation or pose, luminance normalized face regions, or combinations thereof, and

(e) wherein the ~~one or more~~ image data ~~groups~~ component further includes ~~include~~ additional image data associated with circumstances of acquisition of a parent image and associated face region corresponding to a group of image data.

Claim 21 (previously presented): The one or more processor-readable media of claim 20, the circumstances comprising location of image acquisition, date and time of image acquisition, type of image acquisition device, or any post-capture image processing including red eye correction or luminance correction, or combinations thereof.

Claim 22 (previously presented): The one or more processor-readable media of claim 17, wherein at least one group of image data comprises a face region list including one or more entries each corresponding to an identified face candidate region within at least one of the acquired digital images.

Claim 23 (previously presented): The one or more processor-readable media of claim 22, the face region list further including one or more links, corresponding to the one or more entries, to one or more known identities within the identification listing of the identity data component.

Claim 24 (currently amended): ~~The one or more processor-readable media of claim 17~~
One or more processor-readable media having stored thereon processor-readable code including a database of face print image data corresponding to detected face regions within images acquired with an image acquisition device and digitally-stored, wherein the face print image data are stored within the media for access by a processor comprises:

(a) an image data component including acquired digital image, or a pointer to the location of said image, and additional data associated with said image including content data and unique identifiers corresponding to the acquired digital images or face regions therein, or both, and wherein the image data component further comprises an image list of the acquired digital image data;

(b) an identity data component including an identification listing of known identities to which identified face regions detected within the acquired digital image data have been determined to correspond; and

(c) a face recognition data component, comprising for an individual known identity:

(i) one or more identity tables corresponding to one or more identity entries; and

(ii) one or more face class tables corresponding to one or more face class entries of the one or more identity tables, wherein each face class table comprises one or more faceprint entries corresponding to normalized face regions determined from the acquired digital image, and

(d) wherein the normalized face regions comprise spatially normalized face regions, which are normalized with respect to size, orientation or pose, luminance normalized face regions, or combinations thereof, and

(e) wherein the image data component further comprises multiple tables of image classification events, occasions, locations, or places, or other categories, or combinations thereof, each to which groups of multiple images of the image data are determined to belong.

Claim 25 (previously presented): The one or more processor-readable media of claim 24, wherein the image data component further comprises a set of database links to the tables of image classification categories.

Claim 26 (previously presented): The one or more processor-readable media of claim 17, wherein the known identities correspond to handles identifying a known person.

Claim 27 (previously presented): The one or more processor-readable media of claim 17, wherein the identity data component further comprises database links to face recognition data of the face recognition component.

Claim 28 (previously presented): The one or more processor-readable media of claim 17, wherein the identity data component further comprises one or more database links to personal data associated with one or more known identities.

Claim 29 (previously presented): The one or more processor-readable media of claim 17, wherein the identity data component comprises a table of personal data associated with at least one of the known identities.

Claim 30 (previously presented): The one or more processor-readable media of claim 29, wherein the personal data comprises full name, one or more addresses, one or more phone numbers, one or more email addresses, or one or more web addresses, or combinations thereof.

Claim 31 (currently amended): The one or more processor-readable media of claim 29
One or more processor-readable media having stored thereon processor-readable code
including a database of face print image data corresponding to detected face regions
within images acquired with an image acquisition device and digitally-stored, wherein
the face print image data are stored within the media for access by a processor
comprises:

(a) an image data component including acquired digital image, or a pointer to the
location of said image, and additional data associated with said image including content
data and unique identifiers corresponding to the acquired digital images or face regions
therein, or both, and wherein the image data component further comprises an image list
of the acquired digital image data;

(b) an identity data component including an identification listing of known
identities to which identified face regions detected within the acquired digital image data
have been determined to correspond; and

(c) a face recognition data component, comprising for an individual known
identity:

(i) one or more identity tables corresponding to one or more identity
entries; and

(ii) one or more face class tables corresponding to one or more face class
entries of the one or more identity tables, wherein each face class table comprises one
or more faceprint entries corresponding to normalized face regions determined from the
acquired digital image, and

(d) wherein the normalized face regions comprise spatially normalized face
regions, which are normalized with respect to size, orientation or pose, luminance
normalized face regions, or combinations thereof, and

(e) wherein the identity data component further comprises a set of links to a
relationship list or a group membership list or both.

Claim 32 (previously presented): The one or more processor-readable media of claim
31, wherein the relationship list comprises data on relationships between the known

identity and other identities named within the database, and wherein the group membership list comprises data on grouping of known identities based on family ties, hobbies, interests, group memberships, interpersonal relationships, or combinations thereof.

Claim 33 (previously presented): The one or more processor-readable media of claim 17, wherein each identity table comprises one or more face class entries each defined by values of one or more face classifier parameters.

Claim 34 (currently amended): One or more processor-readable media having stored thereon processor-readable code including a database of face print image data corresponding to detected face regions within images acquired with an image acquisition device and digitally-stored, wherein the face print image data are stored within the media for access by a processor comprises:

- (a) an image data component including acquired digital image data including content data and unique identifiers corresponding to acquired digital images or face regions therein, or both;

- (b) an identity data component including an identification listing of known identities to which identified face regions detected within the acquired digital image data have been determined to correspond; and

- (c) a face recognition data component, comprising for an individual known identity:

- (i) one or more identity tables corresponding to one or more identities, wherein each identity table comprises one or more face class entries each defined by values of one or more face classifier parameters; and

- (ii) one or more face class tables corresponding to the one or more face class entries of the one or more identity tables, wherein each face class table comprises one or more face print image entries corresponding to faceprints from the acquired digital image data, and

(d) wherein the identified face regions comprise spatially normalized face regions, which are normalized with respect to ~~size~~, orientation or pose, or both ~~luminance-normalized face regions, or combinations thereof.~~

Claim 35 (previously presented): The one or more processor-readable media of claim 34, wherein the image data component further comprises an image list of the acquired digital image data.

Claim 36 (previously presented): The one or more processor-readable media of claim 34, wherein the known identities correspond to handles identifying a known person.

Claim 37 (previously presented): The one or more processor-readable media of claim 34, wherein the identity data component further comprises database links to face recognition data of the face recognition component.

Claim 38 (previously presented): The one or more processor-readable media of claim 34, wherein the identity data component further comprises one or more database links to personal data associated with one or more known identities.

Claim 39 (previously presented): The one or more processor-readable media of claim 34, wherein the identity data component comprises a table of personal data associated with at least one of the known identities.

Claim 40 (previously presented): The one or more processor-readable media of claim 39, wherein the personal data comprises full name, one or more addresses, one or more phone numbers, one or more email addresses, or one or more web addresses, or combinations thereof.

Claim 41 (currently amended): ~~The one or more processor-readable media of claim 39~~
One or more processor-readable media having stored thereon processor-readable code

including a database of face print image data corresponding to detected face regions within images acquired with an image acquisition device and digitally-stored, wherein the face print image data are stored within the media for access by a processor comprises:

(a) an image data component including acquired digital image data including content data and unique identifiers corresponding to acquired digital images or face regions therein, or both;

(b) an identity data component including an identification listing of known identities to which identified face regions detected within the acquired digital image data have been determined to correspond; and

(c) a face recognition data component, comprising for an individual known identity:

(i) one or more identity tables corresponding to one or more identities, wherein each identity table comprises one or more face class entries each defined by values of one or more face classifier parameters; and

(ii) one or more face class tables corresponding to the one or more face class entries of the one or more identity tables, wherein each face class table comprises one or more face print image entries corresponding to faceprints from the acquired digital image data, and

(d) wherein the identified face regions comprise spatially normalized face regions, which are normalized with respect to size, orientation or pose, or luminance normalized face regions, or combinations thereof, and

(e) wherein the identity data component further comprises a set of links to a relationship list or a group membership list or both.

Claim 42 (previously presented): The one or more processor-readable media of claim 41, wherein the relationship list comprises data on relationships between the known identity and other identities named within the database, and wherein the group membership list comprises data on grouping of known identities based on family ties,

hobbies, interests, group memberships, interpersonal relationships, or combinations thereof.

Claim 43 (previously presented): The one or more processor-readable media of claim 34, wherein at least two identity entries are characterized separately due to at least one distinguishing appearance characteristic.

Claim 44 (previously presented): The one or more processor-readable media of claim 43, wherein the appearance characteristic is distinguished as determined from a sufficient difference in value of at least one face classifier parameter between normalized faceprints determined to correspond to the same known identity, or based on user input, or both

Claim 45 (currently amended): ~~The one or more processor-readable media of claim 34~~
One or more processor-readable media having stored thereon processor-readable code including a database of face print image data corresponding to detected face regions within images acquired with an image acquisition device and digitally-stored, wherein the face print image data are stored within the media for access by a processor comprises:

(a) an image data component including acquired digital image data including content data and unique identifiers corresponding to acquired digital images or face regions therein, or both;

(b) an identity data component including an identification listing of known identities to which identified face regions detected within the acquired digital image data have been determined to correspond; and

(c) a face recognition data component, comprising for an individual known identity:

(i) one or more identity tables corresponding to one or more identities, wherein each identity table comprises one or more face class entries each defined by values of one or more face classifier parameters; and

(ii) one or more face class tables corresponding to the one or more face class entries of the one or more identity tables, wherein each face class table comprises one or more face print image entries corresponding to faceprints from the acquired digital image data, and

(d) wherein the identified face regions comprise spatially normalized face regions, which are normalized with respect to size, orientation or pose, or luminance normalized face regions, or combinations thereof, and

(e) wherein the appearance table comprises a list of links to two one or more identity tables associated with two or more distinct appearances determined for the known identity.

Claim 46 (previously presented): The one or more processor-readable media of claim 34, wherein the one or more identity tables further comprise one or more links corresponding to the one or more face class tables.

Claim 47 (previously presented): The one or more processor-readable media of claim 34, wherein the one or more face class tables comprises one or more of the previously determined value ranges of the one or more face classifier parameters.

Claim 48 (previously presented): The one or more processor-readable media of claim 47, wherein each value range is uniquely associated with an identified and user confirmed face region detected within an acquired digital image.

Claim 49 (currently amended): ~~The one or more processor-readable media of claim 4~~
One or more processor-readable media having stored thereon processor-readable code including a database of face print image data corresponding to detected face regions within images acquired with an image acquisition device and digitally-stored, wherein the face print image data are stored within the media for access by a processor comprises:

(a) an image data component including acquired digital image data including content data and unique identifiers corresponding to acquired digital images or face regions therein, or both;

(b) an identity data component including an identification listing of known identities to which identified face regions detected within the acquired digital image data have been determined to correspond; and

(c) a face recognition data component, comprising for an individual known identity:

(i) an appearance table including one or more identity entries for the known identity;

(ii) one or more identity tables corresponding to the one or more identity entries in the appearance table; and

(iii) one or more face class tables corresponding to one or more face class entries of the one or more identity tables, wherein each face class table comprises one or more face print image entries corresponding to faceprints determined from normalized face regions identified within the acquired digital image, and

(d) wherein the normalized face regions comprise spatially normalized face regions, which are normalized with respect to size, orientation or pose, or luminance normalized face regions, or combinations thereof, and

(e) wherein said normalized face regions are normalized prior to extracting face classifier parameters therefrom.

Claim 50 (currently amended): The one or more processor-readable media of claim 17
One or more processor-readable media having stored thereon processor-readable code
including a database of face print image data corresponding to detected face regions
within images acquired with an image acquisition device and digitally-stored, wherein
the face print image data are stored within the media for access by a processor
comprises:

(a) an image data component including acquired digital image, or a pointer to the
location of said image, and additional data associated with said image including content

data and unique identifiers corresponding to the acquired digital images or face regions therein, or both, and wherein the image data component further comprises an image list of the acquired digital image data;

(b) an identity data component including an identification listing of known identities to which identified face regions detected within the acquired digital image data have been determined to correspond; and

(c) a face recognition data component, comprising for an individual known identity;

(i) one or more identity tables corresponding to one or more identity entries; and

(ii) one or more face class tables corresponding to one or more face class entries of the one or more identity tables, wherein each face class table comprises one or more faceprint entries corresponding to normalized face regions determined from the acquired digital image, and

(d) wherein the normalized face regions comprise spatially normalized face regions, which are normalized with respect to size, orientation or pose, or luminance normalized face regions, or combinations thereof, and

(e) wherein said normalized face regions are normalized prior to extracting face classifier parameters therefrom.

Claim 51 (currently amended): The one or more processor-readable media of claim 34
One or more processor-readable media having stored thereon processor-readable code
including a database of face print image data corresponding to detected face regions
within images acquired with an image acquisition device and digitally-stored, wherein
the face print image data are stored within the media for access by a processor
comprises:

(a) an image data component including acquired digital image data including
content data and unique identifiers corresponding to acquired digital images or face
regions therein, or both;

(b) an identity data component including an identification listing of known identities to which identified face regions detected within the acquired digital image data have been determined to correspond; and

(c) a face recognition data component, comprising for an individual known identity:

(i) one or more identity tables corresponding to one or more identities, wherein each identity table comprises one or more face class entries each defined by values of one or more face classifier parameters; and

(ii) one or more face class tables corresponding to the one or more face class entries of the one or more identity tables, wherein each face class table comprises one or more face print image entries corresponding to faceprints from the acquired digital image data, and

(d) wherein the identified face regions comprise spatially normalized face regions, which are normalized with respect to size, orientation or pose, or luminance normalized face regions, or combinations thereof, and

(e) wherein said normalized face regions are normalized prior to extracting face classifier parameters therefrom.

Claim 52 (previously presented): The one or more processor-readable media of claim 1, wherein said normalized face regions are normalized with respect to size.

Claim 53 (previously presented): The one or more processor-readable media of claim 52, wherein said normalized face regions are normalized with respect to a standard size based on separation of eyes, nose or mouth, or combinations thereof.

Claim 54 (previously presented): The one or more processor-readable media of claim 17, wherein said normalized face regions are normalized with respect to size.

Claim 55 (previously presented): The one or more processor-readable media of claim 54, wherein said normalized face regions are normalized with respect to a standard size based on separation of eyes, nose or mouth, or combinations thereof.

Claim 56 (previously presented): The one or more processor-readable media of claim 34, wherein said normalized face regions are normalized with respect to size.

Claim 57 (previously presented): The one or more processor-readable media of claim 56, wherein said normalized face regions are normalized with respect to a standard size based on separation of eyes, nose or mouth, or combinations thereof.

Claim 58 (previously presented): The one or more processor-readable media of claim 1, wherein said normalized face regions are first normalized with respect to pose, and then with respect to orientation, and then with respect to size.

Claim 59 (previously presented): The one or more processor-readable media of claim 17, wherein said normalized face regions are first normalized with respect to pose, and then with respect to orientation, and then with respect to size.

Claim 60 (previously presented): The one or more processor-readable media of claim 34, wherein said normalized face regions are first normalized with respect to pose, and then with respect to orientation, and then with respect to size.